



02-16-07

1761  
PATENT  
674509-2028IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Jorn Borch Soe  
U.S. Serial No. : 09/750,990  
Filing Date : December 28, 2000  
For : FOODSTUFF  
Art Unit : 1761

745 Fifth Avenue  
New York, NY 10151

EXPRESS MAILMailing Label Number: EM 051107638 USDate of Deposit: February 15, 2007

I hereby certify that this paper or fee is being deposited with the  
United States Postal Service "Express Mail Post Office to  
Addressee" Service under 37 CFR 1.10 on the date indicated above  
and is addressed to: Mail Stop Amendment, Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
Charles B. Jackson

---

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is respectfully directed to the following documents set forth in the accompanying form PTO-1449. Copies of the cited references are enclosed. These documents were cited in a litigation relating to U.S. Patent No. 6,852,346, or were cited by Applicants in related applications through the submission of Information Disclosure Statements, or were cited documents from the US or foreign Patent Offices in related applications. Those

documents cited in related applications (either by Applicant or by the relevant Patent Office) are marked on the enclosed PTO-1449 with an asterisk "\*" in the second column providing alphabetic identifiers for each document, i.e., a document marked as "\*AG" was cited in a related application. Applicants request that the Examiner consider and make of record the documents cited herein and that a copy of Form PTO-1449, initialed by the Examiner be returned to the Applicants' attorneys.

This Information Disclosure Statement is not a representation that the documents cited herein is considered most pertinent, or that a search has been undertaken or that the cited documents are indeed prior art. The Examiner is invited to undertake an independent search.

As this Information Disclosure Statement is being submitted before receipt of a first Office Action, no fee is deemed necessary. However, the Commissioner is authorized to charge any additional required fee for this paper, or credit any overpayment in fees to Deposit Account 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP  
Attorneys for Applicants




---

Thomas J. Kowalski  
Reg. No. 32,147

Angela M. Collison  
Reg. No. 51,107  
(212) 588-0800

References (9)

Based on Form PTO-1449 (Rev. 11-2007) 		ATTY. DOCKET NO. <b>674509-2028</b>		SERIAL NO. <b>09/750,990</b>				
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>						
		FILING DATE <b>December 28, 2000</b>		GROUP <b>1761</b>				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	*A	03/070013	8/28/03	WO				
	B	89/06803	7/27/89	WO				
	*C	03/089260	10/30/03	WO				
	D	03/097825	11/27/03	WO				
	*E	03/099016	12/4/03	WO				
	*F	03/102118	12/11/03	WO				
	*G	04/004467	1/15/04	WO				
	*H	04/053152	6/24/04	WO				
	*I	04/097012	11/11/04	WO				
	*J	08/901969	3/9/89	WO				
	*K	2003/020923	3/13/03	WO				
	*L	2003/100044	12/4/03	WO				
	*M	2004/004467	1/15/04	WO				
	*N	2004/018660	3/4/04	WO				
	*O	2004/053039	6/24/04	WO				
	P	2004/053152	6/24/04	WO				
	*Q	2004/059075	7/15/04	WO				
	*R	2004/064537	8/5/04	WO				
	S	2004/064987	8/5/04	WO				
	*T	2004/111216	12/23/04	WO				
	*U	2005/003339	1/13/05	WO				
	V	2005/005977	1/20/05	WO				
	*W	2005/056782	6/23/05	WO				
	*X	2005/066347	7/21/05	WO				
	*Y	2005/066351	7/21/05	WO				
	*Z	2005/080540	9/1/05	WO				
	*AA	2005/087918	9/22/05	WO				
	*AB	2006/008508	1/26/06	WO				
EXAMINER				12/08/2008				
/Leslie Wong/								

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/



Based on Form PTO-1449

(3/99)

ATTY. DOCKET NO.

674509-2028

SERIAL NO.

09/750,990

APPLICANT

Soe

FILING DATE

December 28, 2000

GROUP

1761

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	A	91/00920	1/24/91	WO				
	B	91/06661	5/16/91	WO				
	*C	91/14772	10/3/91	WO				
	D	92/05249	4/2/92	WO				
	*E	92/14830	9/3/92	WO				
	*F	92/18645	10/29/92	WO				
	*G	93/01285	1/21/93	WO				
	*H	93/11249	6/10/93	WO				
	*I	93/12812	7/8/93	WO				
	J	94/01541	1/20/94	WO				
	*K	94/04035	3/3/94	WO				
	L	94/14940	7/7/94	WO				
	M	94/14951	7/7/94	WO				
	N	94/26883	11/24/94	WO				
	*O	95/06720	3/9/95	WO				
	*P	95/09909	4/13/95	WO				
	Q	95/22606	8/24/95	WO				
	R	95/22615	8/24/95	WO				
	*S	95/22625	8/24/95	WO				
	*T	95/29996	11/9/95	WO				
	*U	95/30744	11/16/95	WO				
	*V	96/09772	4/4/96	WO				
	W	96/13578	5/9/96	WO				
	X	96/13579	5/9/96	WO				
	*Y	96/13580	5/9/96	WO				
	*Z	96/27002	9/6/96	WO				
	*AA	96/28542	9/19/96	WO				
	AB	96/30502	10/3/96	WO				

EXAMINER

/Leslie Wong/

12/08/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)	ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
	APPLICANT <b>Soe</b>	
	FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>

LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	*AC	96/32472	10/17/96	WO				
	*AD	96/39851	12/19/96	WO				
	*AE	97/04079	2/6/97	WO				
	AF	97/05219	2/13/97	WO				
	AG	97/07202	2/27/97	WO				
	*AH	97/07205	2/27/05	WO				
	*AI	97/11083	3/27/97	WO				
	*AJ	97/14713	4/24/97	WO				
	AK	97/27237	7/31/97	WO				
	AL	97/27276	7/31/97	WO				
	AM	98/31790	7/23/98	WO				
	AN	97/41212	11/6/97	WO				
	*AO	97/41735	11/13/97	WO				
	*AP	97/41736	11/13/97	WO				
	*AQ	98/08939	3/5/98	WO				
	*AR	98/045453	10/15/98	WO				
	*AS	98/050532	11/12/98	WO				
	*AT	98/14594	4/9/98	WO				
	*AU	98/18912	5/7/98	WO				
	AV	98/26057	6/18/98	WO				
	AW	98/41623	9/24/98	WO				
	AX	98/44804	10/15/98	WO				
	*AY	98/45453	10/15/98	WO				
	*AZ	98/51163	11/19/98	WO				
	*BA	98/59028	12/30/98	WO				
	BB	99/33964	7/8/99	WO				
	*BC	99/34011	7/8/99	WO				

EXAMINER

/Leslie Wong/

12/08/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449  
(3/90)ATTY. DOCKET NO.  
**674509-2028**SERIAL NO.  
**09/750,990**LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT

Soe

FILING DATE  
**December 28, 2000**GROUP  
**1761**

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	*A	1073339	22/27/02	EP				
	*B	1103606	5/30/01	EP				
	C	1108360	6/20/01	EP				
	*D	1138763	10/4/01	EP				
	*E	1145637	10/17/01	EP				
	*F	1162889	2/23/05	EP				
	G	1131416	6/8/00	EP				
	*H	1233676	8/28/02	EP				
	*I	1262562	6/9/04	EP				
	*J	1275711	1/15/03	EP				
	*K	1280919	6/25/03	EP				
	*L	1285969	2/26/03	EP				
	*M	1298205	4/2/03	EP				
	*N	1363506	11/23/05	EP				
	*O	1433852	6/30/04	EP				
	P	1466980	10/13/04	EP				
	*Q	1559788	8/3/05	EP				
	R	0869167	2/12/02	EP				
	S	0258068	11/10/93	EP				
	T	0375102	6/27/90	EP				
	U	0548228	8/12/98	EP				
	V	535602	10/24/84	ES				
	W	535608	9/3/84	ES				
	X	535609	3/25/85	ES				
	*Y	1086550	10/11/67	GB				
	Z	1442418	7/14/76	GB				
	AA	1577933	10/29/80	GB				
	*AB	2267033	11/24/03	GB				

EXAMINER /Leslie Wong/

12/08/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/00)	ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
	LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	
	APPLICANT <b>Soe</b>	
FILING DATE <b>December 28, 2000</b>		GROUP <b>1761</b>

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	*AC	2358784	8/8/01	GB				
	*AD	2379165	3/5/03	GB				
	*AE	04075592	3/10/92	JP				
	*AF	04200339	7/1/92	JP				
	*AG	10155493	6/16/98	JP				
	*AH	10155493A	6/16/98	JP				
	*AI	10203974	8/4/88	JP				
	*AJ	11290078	10/26/99	JP				
	*AK	1252294	10/6/89	JP				
	*AL	1252294	10/6/89	JP				
	*AM	15626492	6/16/92	JP				
	*AN	2000226335	8/15/00	JP				
	AO	2-153997	6/13/90	JP				
	AP	2-49593	2/19/90	JP				
	AQ	4121186	4/22/92	JP				
	*AR	4300839	10/23/92	JP				
	*AS	4327536	11/17/92	JP				
	*AT	5211852	8/24/93	JP				
	<del>AU</del>	<del>5476892</del>		<del>JP</del>				
	*AV	55131340	10/13/80	JP				
	AW	59183881	4/18/60	JP				
	*AX	60078529	5/4/85	JP				
	*AY	6014773	3/3/92	JP				
	*AZ	62061590	3/18/87	JP				
	*BA	62118883	11/15/85	JP				
	*BB	62285749	12/11/87	JP				
	*BC	63042691	8/7/86	JP				
	*BD	6345800	12/20/94	JP				

EXAMINER /Leslie Wong/	12/08/2008
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/



Based on Form PTO-1449 (3/90)  LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. <b>674509-2028</b>		SERIAL NO. <b>09/750,990</b>		
				APPLICANT <b>Soe</b>				
				FILING DATE <b>December 28, 2000</b>		GROUP <b>1761</b>		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	*BE	7231788	9/5/95	JP				
	*BF	7330794	12/19/95	JP				
	BG	3553958	5/14/04	JP				
	*BH	8143457	6/4/96	JP				
	*BI	8266213	10/15/96	JP				
	*BJ	8268882	4/3/95	JP				
	*BK	9040689	2/10/97	JP				
	BL	2001-7012115	9/24/01	KR				
	BM	2003-7008997	10/27/03	KR				
	BN	93-700773	3/13/93	KR				
	BO	95-700043	1/6/95	KR				
	BP	96-704602	8/22/96	KR				
	BQ	021794	2/22/94	DK				
	*BR	94-10252	10/22/94	KR				
	BS	95-702583	6/22/95	KR				
	BT	0746608	11/20/03	NL				
	BU	0784674	12/4/02	NL				
	BV	1073339	2/25/03	NL				
	BW	0869167	1/30/03	NL				
	BX	2001117497	6/27/01	RU				
	BY	2140751	6/11/97	RU				
	BZ	2235775	11/29/99	RU				
	CA	200101551	12/3/99	TR				
	CB	0028701.1	11/24/00	UK				
	CC	0301117.8	1/17/03	UK				
	CD	0301118.6	1/17/03	UK				
	CE	0301119.4	1/17/03	UK				
	CF	0301120.2	1/17/03	UK				
EXAMINER				/Leslie Wong/				12/08/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/



Based on Form PTO-1449  
(3/90)ATTY. DOCKET NO.  
674509-2028SERIAL NO.  
09/750,990LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT

Soe

FILING DATE  
December 28, 2000GROUP  
1761

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	6815190	11/9/04	Abo			
	*B	2002/0098536	7/25/02	Norinobu			
	*C	2002/0110854	8/15/02	Tsutsumi			
	*D	2002/0142434	10/3/02	Tsutsumi			
	*E	2002/0168746	11/14/02	Tsutsumi			
	*F	2003/0003561	1/2/03	Vind			
	*G	2003/0040450	2/27/03	Rey			
	*H	2003/0100092	5/29/03	Berka			
	*I	03/0119164	6/26/03	Udagawa			
	*J	2003/0180418	9/25/03	Rey			
	*K	2003/0215544	11/20/03	Nielsen			
	*L	4065580	12/27/77	Feldman			
	*M	4707364	11/17/87	Barach			
	*N	2005/0118697	6/2/05	Budolfsen			
	*O	6624129	9/23/03	Borch			
	*P	6645749	11/11/03	Vind			
	*Q	6730346	5/4/04	Rey			
	R	6852346	2/8/05	Soe			
	*S	2003/0028923	2/6/03	Lardizabal			
	*T	2003/0074695	4/17/03	Farese			
	*U	2003/0148495	8/7/03	Hastrup			
	*V	2003/185939	10/2/03	Nielsen			
	W	2004/0235106	11/25/04	Kapeller-Libermann			
	*X	2004/0005399	1/8/04	Chakrabarti			
	Y	2005/0059130	3/17/05	Bojsen			
	*Z	2005/0059131	3/17/05	Bisgard-Frantzen			
	*AA	2005/142647	6/30/05	Wassell			
	*AB	2888385	5/26/59	Grandel			
	*A■	3260606	7/12/66	Azuma			
	*AD	3368903	2/13/68	Johnson			

EXAMINER

/Leslie Wong/

DATE CONSIDERED

12/08/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)  LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
	APPLICANT <b>Soe</b>	
	FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	* AE	3520702	7/14/70	Menzi			
	AF	3634195	1/11/72	Melaschouris			
	AG	3652397	3/28/72	Pardun			
	AH	3677902	7/18/72	Aunstrup			
	* AI	3852260	12/3/74	Knutsen			
	* AJ	3973042	8/3/76	Kosikowski			
	* AK	4034124	7/5/77	Van Dam			
	* AL	4160848	7/10/79	Vidal			
	AM	4202941	5/13/80	Terada			
	AN	4399218	8/16/83	Gauhl			
	AO	4567046	1/28/86	Inoue			
	* AP	4683202	7/28/87	Mullis			
	AQ	4689297	8/25/87	Good			
	AR	4707291	11/17/87	Thom			
	AS	4708876	11/24/87	Yokoyama			
	AT	4798793	1/17/89	Eigtved			
	* AU	4808417	2/28/89	Masuda			
	AV	4810414	3/7/89	Huge-Jensen			
	* AW	4814331	3/21/89	Kerkenaar			
	AX	4818695	4/4/89	Eigtved			
	AY	4826767	5/2/89	Hansen			
	* AZ	4865866	9/12/89	Moore			
	BA	4904483	2/27/90	Christensen			
	* BB	4916064	4/10/90	Derez			
	* BC	5112624	5/12/92	Johna			
	* B	5213968	5/25/93	Castle			
	* BE	5219733	6/15/93	Myojo			
	* BF	5219744	6/15/93	Kurashige			
	* BG	5232846	8/3/93	Takeda			
	BH	5264367	11/23/93	Aalrust			

EXAMINER /Leslie Wong/	DATE CONSIDERED 12/08/2008
---------------------------	-------------------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. <b>674509-2028</b>		SERIAL NO. <b>09/750,990</b>	
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT <b>Soe</b>			
FILING DATE <b>December 28, 2000</b>				GROUP <b>1761</b>			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BI	5273898	12/28/93	Ishii			
	*BJ	5288619	2/22/94	Brown			
	*BK	5290694	3/1/94	Nakanishi			
	BL	5378623	1/3/95	Hattori			
	*BM	5523237	6/4/96	Budtz			
	BN	5536661	7/16/96	Boel			
	*BO	5558781	9/24/96	Buchold			
	*BP	5650188	7/22/97	Gaubert			
	BQ	5677160	10/14/97	Oester			
	BR	5695802	12/9/97	Van Den Ouweland			
	BS	5763383	6/9/98	Hashida			
	BT	5766912	6/16/98	Boel			
	BU	5776741	7/7/98	Pedersen			
	BV	5814501	9/29/98	Becker			
	BW	5821102	10/13/98	Berka			
	BX	5827719	10/27/98	Sandal			
	BY	5830736	11/3/98	Oxenboll			
	*BZ	5834280	11/10/98	Oxenboll			
	CA	5856163	1/5/99	Hashida			
	CB	5863759	1/26/99	Boel			
	CC	5869438	2/9/99	Svensen			
	CD	5874558	2/23/99	Boel			
	CE	5879920	3/9/99	Dale			
	CF	5892013	4/6/99	Svensen			
	CG	5914306	6/22/99	Svensen			
	CH	5916619	6/29/99	Miyazaki			
	CI	5919746	7/6/99	Hirayama			
	CI	5929017	7/27/99	Gormsen			
	CK	5965384	10/12/99	Boel			
	CL	5965422	10/12/99	Loffler			
EXAMINER /Leslie Wong/				DATE CONSIDERED 12/08/2008			

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449  
(3/90)ATTY. DOCKET NO.  
674509-2028SERIAL NO.  
09/750,990LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT

Soe

FILING DATE  
December 28, 2000GROUP  
1761

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CM	5976855	11/2/99	Svendsen			
	CN	5989599	11/23/99	Chmiel			
	CO	5990069	11/23/99	Andre			
	*CP	60/039791	3/4/97	Clausen			
	CQ	60/189780	3/16/00	Soe			
	CR	60/489,441	7/23/03	Kreij			
	CS	6001586	12/14/99	Schellenberger			
	CT	6001640	12/14/99	Loeffler			
	*CU	60/039791	3/4/97	Clausen			
	CV	6020180	2/1/00	Svendsen			
	*CW	6066482	5/23/00	Steffens			
	CX	6074863	6/13/00	Svendsen			
	*CY	6103505	8/15/00	Clausen			
	CZ	6110508	8/29/00	Olesen			
	DA	6140094	10/31/00	Loffler			
	*DB	6143543	11/7/00	Michelsen			
	*DC	6143545	11/7/00	Clausen			
	DD	6146869	11/14/00	Harris			
	DE	6156548	12/5/00	Christensen			
	*DF	6180406	1/30/01	Stemmer			
	DG	6254645	7/3/01	Kellis			
	*DH	6344328	2/5/02	Short			
	DI	6350604	2/26/02	Hirayama			
	*DJ	6358543	3/19/02	Soe			
	*DK	6361974	3/26/02	Short			
	DL	6365204	4/2/02	Spendler			
	DM	6432898	8/13/02	Rey			
	D●	6495357	12/17/02	Fuglsang			
	DO	6506588	1/14/03	Tsutsumi			
	D●	6509182	1/21/03	Tsutsumi			

EXAMINER  
/Leslie Wong/DATE CONSIDERED  
12/08/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

SERIAL NO. 09/750,990

LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT

**See**

**FILING DATE**  
**December 28, 2000**

1761

## U.S. PATENT DOCUMENTS

[illegible]

EXAMINER

/Leslie Wong/

DATE CONSIDERED

12/08/2008

\* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

~~ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/~~

Based on Form PTO-1449  
(3/90)ATTY. DOCKET NO.  
674509-2028SERIAL NO.  
09/750,990

APPLICANT

Soe

FILING DATE  
December 28, 2000GROUP  
1761

OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

A

Kunze, Hans, et al., "On the mechanism of lysophospholipase activity of secretory phospholipase A2 (EC 3.1.1.4): deacylation of monoacylphosphoglycerides by intrinsic sn-1 specificity and Ph-dependent acyl migration in combination with sn-2 specificity", Biochimica et Biophysica Acta, vol. 1346, 1997, pp. 86-92

B

Kuwabara, et al., "Purification and Some Properties of Water-soluble Phospholipase B from *Torulasporea delbrueckii*", J. Biochem., vol. 104, pp. 236-241, 1988

C

Kuwabara, et al., "Purification and Some Properties of Water-soluble Phospholipase", Agric. Biol. Chem., vol. 52, no. 10, pp. 2451-2458, 1988

D

Kweon et al., "Phospholipid Hydrolysis and Antistaling Amylase Effects on Retrogradation of Starch in Bread", Journal of Food Science, vol. 59, no. 5, 1994

E

~~Larchenkova LP et al. Effect of starter and cooling temperature on reproduction of E. coli and lactobacilli in milk.~~

F

Larsen N G et al, Journal of Cereal Science (1990), vol 12(2), p155-164

G

~~Lecointe et al Biotechnology Letters, Vol. 16, No 8 (August) pp 669-674~~

H

LEE, Keun Hyeung, et al., "Identification and characterization of the antimicrobial peptide corresponding to C-terminal B-sheet domain of tenecin 1, an antibacterial protein of larvae of *Tenebrio molitor*", Biochem. J., 1996, vol. 334, pp. 99-105

I

~~Lee, Kyung C., et al., "The Saccharomyces cerevisiae PLB1 Gene Encodes a Protein Required for Lysophospholipase and Phospholipase B Activity", The Journal of Biological Chemistry, vol. 269, no. 31, Issue of August 5, pp. 19725-19730~~

J

~~Leggio, Lella Le, et al., "The 1.62 Å structure of Thermococcus aurantiacus endoglucanase: completing the structural picture of subfamilies in glycoside hydrolase family 5", FEBS Letters, Vol. 523, 2002, pp. 103-108~~

K

Leidich et al., "Cloning and Disruption of caPLB1, a Phospholipase B Gene Involved in the Pathogenicity of *Candida albicans*", The Journal of Biological Chemistry, vol. 273, no. 40, oo. 26078-26086, 1998

L

Li, W., et al., "Surface properties and locations of gluten proteins and lipids revealed using confocal scanning laser microscopy in bread dough", Journal of Cereal Science, vol. 39, 2004, pp. 403-411

M

Lih-ling Wang et al, J Agric. Food. Chem. (1993), 41, 1000-1005

N

Lima, Vera L.M., et al., "Lecithin-cholesterol acyltransferase (LCAT) as a plasma glycoprotein: an overview", Carbohydrate Polymers, vol. 55, 2004, pp. 179-191

O

Lin M J Y et al, Cereal Chemistry (1974), vol 51(1), p34-45

P

Lin S et al, Enzyme and Microbial Technology 18 (1996), pp 383-387

Q

Lipase A "Amano" 6 Assay Note and Product Specification from Armano Pharmaceutical Co Ltd Nagoya Japan, 16 December 1985

R

Lipase A "Amano" 6 Assay Note and Product Specification from Armano Pharmaceutical Co Ltd Nagoya Japan, 27 August 1985

S

Lipase A "Amano" 6 product sheet, 1 April 1999

T

Lipase SP677 as a Baking Enzyme, from Novo Nordisk, Denmark, 17 March 1994

U

Lipomul LP38P

EXAMINER

/Leslie Wong/

DATE CONSIDERED

12/08/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/



Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
		<del>Lipson F. Keep the quality out your costs 2000 Novozymes AG. www.enzymes.novozymes.com/dl/cgi-bin/bvisapi.dll/bioomes/one_article.jsp?id=10947&amp;lang=en&amp;t=b1</del>	
*V		Lithauer, Derek, et al., "Pseudomonas luteola lipase: A new member of the 320- residue Pseudomonas lipase family", Enzyme and Microbial Technology, vol. 30, pp. 209-215, 2002	
W		Llutenberger, Cornelia, et al., "Application of Noopazyme in Asian Noodles and Non-Durum Pasta", Cereal Food, 2002-18584-01, page 1, vol. 11	
X		Llutenberger, Cornelia, et al., "Enzymes in Frozen Dough and Parbaked Bread", Cereal Food, 2001-17056-01, page 1, vol. 19	
Y		<del>Lo Y C et al. Crystal structure of Escherichia coli Thioesterase II Protease/Lysophospholipase L4: Consensus sequence blocks constitute the catalytic center of GGNH hydrolases through a conserved hydrogen bond network. Journal of Molecular Biology, London, GB, vol 330, no 3, 539-551.</del>	
*Z		Longhi, Sonia, et al., "Atomic Resolution (1.0 Å) Crystal Structure of Fusarium solani Cutinase: Stereochemical Analysis" J. Mol. Biol. vol. 268, pp. 779-799, 1997	
AA		Lozano et al., "Over-stabilization of Candida antarctica lipase B by ionic liquids in ester synthesis", Biotechnology Letters, vol. 23, pp. 1529-1533, 2001	
AB		Llutenberger Abstract	
*AC		Luzi, Paola et al, Genomics (1995), vol 26(2), p407-9	
*AD		Madsen J.S. & Qvist K.B. (1997) J. Food Sci. 62, 579-582	
*AE		Mao, Cungui, et al., "Cloning and Characterization of a Saccharomyces cerevisiae Alkaline Ceramidase with Specificity for Dihydroceramide", The Journal of Biological Chemistry, vol. 275, no. 40, 2000, pp. 31369-31378	
AF		Maria Teres Neves Petersen, PhD, "Total Internal Reflection Fluorescence Flow System with Electrochemical Control", TIRF-EC Flow System, September 2002	
AG		Marion D et al – Chapter 6, pp131-p167 of "Interactions The Keys to Cereal Quality" 1998 ISBN 0 913250-99-6 (ed. Hamer & Hosney)	
*AH		<del>Marion D et al pp 245-269 of Wheat Structure Biochemistry &amp; Functionality (ed Schofield JP) ISBN 085404777 0 published in 2000 - (It states that it is the Proceedings of Conference organised by Royal Soc of Chemistry Food Chemistry Group held on 10-12 April 1995, in Reading, UK. However, it is unclear why there was such a delay).</del>	
*AI		Marsh, Derek, et al., "Derivatized lipids in membranes. Physico-chemical aspects of N-biotinyl phosphatidylethanolamines and N-acyl ethanolamines", Chemistry and Physics of Lipids, vol. 105, 2000, pp. 43-69	
AJ		Martinelle et al., "The Role of Glu87 and Trp89 in the lid of Humicola lanuginosa lipase", Protein Engineering, vol. 9, no. 6, 1996, pp. 519-524	
AK		Martinez, Christaline, et al., "Engineering cysteine mutants to obtain crystallographic phases with a cutinase from Fusarium solani pisi", Protein Engineering, vol. 6, no. 2, pp. 157-165, 1993	
AL		Martinez, Diego, et al., "Genome sequence of the lignocellulose degrading fungus Phanerochaete chrysosporium strain RP78", Nature Biology, May 2, 2004	
AM		Mase et al., "Purification and Characterization of a new Lipase from Fusarium sp. TM-30", Biosci. Biotech. Biochem., vol. 59, no. 9, pp. 1771-1772, 1995	
*AN			
EXAMINER /Leslie Wong/		DATE CONSIDERED 12/08/2008	

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	*AO	Mason, Research Disclosure, Kenneth Mason Publications, Westbourne GB no 390, October 1996, pages 661-662	
	AP	Masuda, Naoko, et al., "Primary structure of protein moiety of <i>Penicillium notatum</i> phospholipase B deduced from the Cdna", Eur. J. Biochem., vol. 202, pp. 783-787, 1991	
	*AQ	Matos AR, Lipid Catabolism: Lipid Degradation, 2000, p779-781	
	AR	Matos, A.R., et al., "A patatin-like protein with galactolipase activity is induced by drought stress in <i>Vigna unguiculata</i> leaves", Biochemical Society Transactions, vol. 28, part 6, 2000	
	*AS	Matos, AR et al, Febs Letters, 491 (2001) P188-192	
	*AT	Matsuda H et al, Biochim Biophys Acta, (1979), vol 573(1), p155-65	
	AU	Matsuoka, et al., "Purification and properties of a Phospholipase C That has High Activity toward Sphingomyelin from <i>Aspergillus Saitoi</i> ", Biotheconology and Applied Biochemistry (1987); vol. 9, pp. 401-409	
	*AV	Matthes et al, (1984) EMBO J. 3, p801-805	
	<del>AW</del>	<del>Max Planck Institut für Kohlenforschung et al., "Controlling the enantioselectivity of enzymes by directed evolution: Practical and theoretical ramifications"</del>	
	AX	McAuley, Katherine E., et al., "Structure of a feruloyl esterase from <i>Aspergillus niger</i> ", Acta Crystallographica, Section D, pp. 878-887, 2004	
	*AY	McCoy M G et al, Journal of Lipid Research (2002), vol 43, pp921-929	
	*AZ	McNeill G.P. & Berger R.G. (1993) Enzymatic glycerolysis of palm oil fractions and palm oil based model mixture: Relationship between fatty acid composition and monoglyceride yield, in Food Biotechnology 7: 75-87	
	BA	<del>McNeill, Gerald P., et al., "Further Improvements in the Yield of Monoglycerides During Enzymatic Glycerolysis of Fats and Oils"</del>	
	BB	McNeill, Gerald P., et al., "High-Yield Enzymatic Glycerolysis of Fats and Oils", JAOCS, vol. 68, no. 1, January 1991	
	BC	McNeill, Gerald P., et al., "Selective Distribution of Saturated Fatty Acids into the Monoglyceride Fraction During Enzymatic Glycerolysis", JAOCS, vol. 69, no. 11, November 1992	
	BD	<del>McNeill, Gerald P., et al., "Solid Phase Enzymatic Glycerolysis of Beef Tallow Resulting in a High Yield of Monoglyceride"</del>	
	BE	Mechanism studies of the new lipase, Article, page 1, no. 14	
	BF	Memo: From Charlotte Johanson?, "Short introduction/ status on Ferulic Acid Esterases and Acetyl Xylan Esterases", January 9, 2004	
	BG	Meyer, V., et al., "Transcriptional regulation of the Antifungal Protein in <i>Aspergillus giganteus</i> ", Mol Genet Genomics, 2002, vol. 266, pp. 747-757	
	BH	<del>Meyers, Robert A., "Molecular Biology and Biotechnology - A Comprehensive Desk Reference"</del>	
	*BI	Michalski et al., "Photosynthetic apparatus in chilling-sensitive plants. VII. Comparison of the effect of galactolipase treatment of chloroplasts and cold-dark storage of leaves on photosynthetic electron flow", Biochimica et Biophysica Acta, vol. 589, pp. 84-99, 1980	
EXAMINER		DATE CONSIDERED	
/Leslie Wong/		12/08/2008	
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Mielgo, I., et al., "Covalent immobilisation of manganese peroxidases (MnP) from Phanerochaete chrysosporium and Bjerkandera sp. BOS55", Enzyme and Microbial Technology, vol. 32, 2003, pp. 769-775	
	BJ		
	BK	Miller, Byron S., et al., "A Comparison of Cereal, Fungal, and Bacterial Alpha-Amylases as Supplements for Breadmaking", Food Technology, January 1953	
	*BL	Mine Y, Food Research International, 29(1), 1996, pp 81-84	
	BM	Ministerio da Ciencia e Tecnologia, <i>Diario Oficial da Uniao</i> , July 15, 2003	
	BN	Mogensen, Jesper E., et al., "Activation, Inhibition, and Destabilization of Thermomyces lanuginosus Lipase by Detergents", Biochemistry, vol. 44, pp. 1719-1730, 2005	
	*BO	<del>Mehsen et al., "Specificity of Lipase Produced by Rhizopus Delemar and Its Utilization in Bread Making", Egypt J Food. Sci. Vol. 14, No. 1, pp. 175-182</del>	
	*BP	Molecular Biological Methods for Bacillus - Chapter 3 (Ed. C.R. Harwood and S.M. Cutting) 1990, John Wiley and Sons Ltd, Chichester, UK	
	BQ	Mølgaard, Anne, et al., "Rhamnogalacturonan acetyltransferase elucidates the structure and function of a new family of hydrolases", Structure, vol. 9, no. 4, 2000	
	*BR	Molochnaya Promyshlennost 1980 No. 11 21-25, 47 - abstract from Food Sci & Tech Abs.	
	*BS	<del>Monick John A., Alcohols, Their Chemistry, Properties and Manufacture</del>	
	*BT	Monographs for Emulsifiers for Foods, EFEMA November 1985 2nd Edition	
	BU	Moore, Charles M., et al., "Metal ion homeostasis in Bacillus subtilis", Current Opinion in Microbiology, 2005, vol. 8, pp. 188-195	
	BV	Morgan, Keith R., et al., "Stalling in Starch Breads: The Effect of Antistaling $\alpha$ -Amylase", Starch/Stärke, vol. 49, 1997, pp. 59-66	
	BW	Morgan-Jones, Gareth; "NOTES ON COELOMYCETES.II. CONCERNING THE FUSICOCCUM ANAMORPH OF BOTRYOSPHANERIA RIBIS"; vol. Xxx, pp. 117-125; October-December 1987	
	*BX	Morinaga et al Biotechnology (1984) 2, p636-639	
	BY	Morten, T. & A., Letter, Rodovre, July 2004	
	BZ	Mukherjee, Kumar D. et al., "Enrichment of $\gamma$ -linolenic acid from fungal oil by lipase-catalysed reactions", Appl. Microbiol Biotechnol (1991), Vol. 35, pp. 579-584	
	*CA	<del>Murakami, Mototake, et al., "Transesterification of Oil by Fatty Acid Modified Lipase", Technical Research Institute</del>	
	CB	Murakami, Nobutoshi, et al., "Enzymatic Transformation of Glyceroacylcolipids into sn-1 and sn-2 Lysoacylcolipids by use of Rhizopus arrhizus Lipase", Tetrahedron, vol. 50, no. 7, pp. 1993-2002, 1994	
	CC	Mustaranta, Annikka, et al., "Comparison of Lipases and Phospholipases in the Hydrolysis of Phospholipids", Process Biochemistry, vol. 30, no. 5, pp. 393-401, 1995	
	CD	<del>N.V. Nederlandsch Octrooibureau Terms and Conditions</del>	
	CE	Nagano, et al.; "Cloning and Nucleotide Sequence of cDNA Encoding a Lipase from <i>Fusarium keteoriporum</i> "; J. Biochem (1994); Vol. 116; pp. 535-540	
	*CF	Nagao et al, J. Biochem 124, 1124-1129, 1998	
EXAMINER /Leslie Wong/		DATE CONSIDERED 12/08/2008	

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	*CG	Nagao et al, J. of Bioscience and Bioengineering Vol 89, No 5, 446-450, 2000	
	*CH	Nagao et al, J. of Molecular Catalysis B: Enzymatic 17 (2002) 125-132	
	*CI	Nagao et al, JAOCS Vol 78, No 2, 2001	
	CJ	Nagao, Toshihiro et al., "Cloning and Nucleotide Sequence of cDNA Encoding a Lipase from <i>Fusarium heterosporum</i> ", J. Biochem., vol. 116, pp. 535-540, 1994	
	CK	Nagao, Toshihiro et al., "Expression of Lipase cDNA from <i>Fusarium heterosporum</i> by <i>Saccharomyces cerevisiae</i> : High-Level Production and Purification", Journal of Fermentation and Bioengineering, 1996, vol. 81, no. 6, pp. 488-492	
	CL	Nagodawalthana et al., "Enzymes in Food Processing", Third Edition, 1993, Academic Press, Inc.	
	CM	National Research Council (U.S.) Committee on Specifications of the Food Chemicals Codex, "Lipase Activity" in <i>Food Chemicals Codex</i> (1981) National Academy Press, Washington, D.C. pp. 492-3	
	*CN	Needleman & Wunsch (1970), J. of Molecular Biology 48, 443-453	
	*CO	Nelson and Long, Analytical Biochemistry (1989), 180, p 147-151	
	*CP	Nerland A H, Journal of Fish Diseases, vol 19, no 2, 1996, pages 145-150	
		Néron, et al., "Effects of lipase and the phospholipase on the lipids hydrolysis during mixing in correlation with the oxygen consumption by wheat flour dough during kneading" available at <a href="http://www.cnrm.fr/biochimie">http://www.cnrm.fr/biochimie</a>	
	CQ	Ness, Jon. E., et al., "DNA shuffling of subgenomic sequences of subtilisin" Nature Biotechnology, vol. 17, September 1999	
	CR	Nestle Research Center, Brochure for "Food Colloids 2006" in Montreux, Switzerland, 23-26 April 2006	
	CS	Neugnot Virginie et al, European Journal of Biochemistry, 2002, vol 269, pp 1734-1745	
	*CT	Newport, G., et al., "KEX2 Influences <i>Candida albicans</i> Proteinase Secretion and Hyphal Formation", The Journal of Biological Chemistry, 1997, Vol. 272, no. 46, pp. 28954-28961	
	CU	Nicolas, Anne, et al., "Contribution of Cutinase Serine 42 Side Chain to the Stabilization of the Oxyanion Transition State", Biochemistry, vol. 35, pp. 398-410, 1996	
	CV		
	CW	Nielsen et al., "Lipases A and B from the yeast <i>Candida antarctica</i> "	
	*CX	Nierle W et al, Fette Seifen Anstrichmittel (1981), vol 83(10), p391-395	
	CY	Nierle, von W. et al., "Verzweigungs- und Funktion und Einfluss bei der Verarbeitung des Mehlens"	
	CZ	Nierle, W., et al., "Versuche zur Verlängerung der Haltbarkeit von Kartoffelprodukten", Chem. Mikrobiol. Technol. Lebensm., 1975, Vol. 3, pp. 172-175	
	*DA	Nobutoshi M et al, Tetrahedron Letters (1991), vol 31(1), p1331-4	
EXAMINER /Leslie Wong/		DATE CONSIDERED 12/08/2008	
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	*DB	Novozymes data dated 17 July 2005 entitled "Baking performance of prior art lipases from <i>Humicola lanuginosa</i> , <i>Aspergillus tubigenis</i> , <i>Rhizopus delemar</i> and <i>Rhizomucor miehei</i> , and their activity on galactolipids in dough"	
	*DC	Novozymes Memo - Test of lipases for EP1193314B1, 6 July 2005	
	*DD	Novozymes Report 2002 Annual Report	
	DE	Novozymes, "Biowhitening - a new concept for steamed bread", <i>BioTimes</i> , January 2005	
	DF	Novozymes, "Breakthrough: Less Fattening Fried Food" <i>BioTimes</i> , June 2001, No. 2	
	DG	Novozymes, "Enzymes for dough strengthening", 2001	
	DH	Novozymes, "Lipopan F BG- application and mechanism of a new lipase for bread baking" (Draft) <i>Cereal Food</i> (2003) (Author: Drost-Lustenberger, C. et al.)	
	DI	Novozymes, "Lipopan F BG", <i>Cereal Foods</i>	
	DJ	Novozymes, "Mechanism studies of the new lipase"	
	DK	Novozymes, "Product Sheet for Lipopan F BG", <i>Cereal Food</i> , (2001)	
	DL	Novozymes, "Product Sheet for Lipopan FS BG", <i>Cereal Food</i> (2002)	
	DM	Novozymes, "Product Sheet for Lipopan S BG", <i>Cereal Food</i> (2002)	
	DN	Novozymes, "Product Sheet for Noopazyme"	
	DO	Novozymes, "Product Sheet for Novozym 27046" (draft); Novozymes, "Product Sheet for Novozym 27044" (draft)	
	DP	Novozymes, "Product Sheet for Novozym 27019" (draft)	
	DQ	Novozymes, "Product Sheet for Novozym 27060"	
	DR	Novozymes, "Product Sheet for Novozym 27100"	
	DS	Novozymes, "Product Sheet: Enzyme business, Noopazyme" (draft)	
	DT	Novozymes, "Product Sheet: Enzyme Business, Novozym 27019" (draft)	
	DU	Novozymes, "Product Sheet: Enzyme Business, Novozym 677 BG"	
	DV	Novozymes, "Revolutionizing baking", <i>BioTimes</i> (2002) pp. 6-7	
	DW	Novozymes, "Strong sales for lipase that makes dough stronger" <i>BioTimes</i> , December 2003	
	DX	Novozymes, "The Novozyme Touch: Make your mark on the future"	
	DY	Novozymes, "The perfect roll every time for steers", <i>BioTimes</i> , September 2003	
	DZ	Novozymes, "The value of innovation", <i>BioTimes</i> , March 2004	
	EA	Novozymes, "The vital role of technical service in baking", <i>BioTimes</i> , June 2004	
	EB	Novozymes, Lipopan 90 BG, Product Sheet	
	EC	Novozymes, Lipopan 90 BG, Product Specification	
	ED	Novozymes, Lipopan F BG, Product Data Sheet	
EXAMINER /Leslie Wong/		DATE CONSIDERED 12/08/2008	

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	EE	Novozymes, Lipopan FS BG, Product Sheet	
	*EF	Novozymes. Enzymes at work	
	EG	NY metode til aktivtetsbestemme retningsdygende vaskemiddel/enzy	
		Nylander et al., "Interaction between lipids and lipases: A collection of papers presented at the European Meeting on lipid and lipase interaction at Lund University"	
	EH	Ogrjenovic Radomir et al, Acceleration of ripening of semi-hard cheese by proteolytic and lipolytic enzymes	
	EH	Ohm, J.B., et al., "Relationships of Free Lipids with Quality Factors in Hard Winter Wheat Flours", Cereal Chem., vol. 79, no. 2, pp. 274-278, 2002	
	*EJ	Ohta, S. et al., "Application of Enzymatic Modification of Phospholipids on Breadmaking", Abstract from AACCC 68th Annual Meeting in Kansas City, MO, Oct. 30th - Nov. 3, 1983, published in Cereal Foods World, p. 561.	
	EK	Ohta, Yoshifumi, et al., "Inhibition and Inactivation of Lipase by Fat Peroxide in the Course of Batch and Continuous Glycerolyses of Fat by Lipase", Agric. Biol. Chem., Vol. 53, No. 7, pp. 1885-1890, 1989	
	EL	Okuy D.A. (1977) Partial glycerides and palm oil Crystallisation, in Journal of Science and Food Agriculture 28:955	
	*EM	Okuy D.A. (1978) Interaction of triglycerides and diglycerides of palm oil, in Oleagineux 33:625-628	
	*EN	Okuy D.A., Wright, W.B., Berger, K.G. & Morton I.D. (1978). The physical properties of modified palm oil, in Journal of Science of Food and Agriculture 29:1061-1068	
	*EO	Oluwatosi, Yemisi E., et al., "Phenotype: a Possible Role for the Kex2 Endoprotease in Vacuolar Acidification", Molecular and Cellular Biology, 1998, pp. 1534-1543	
	EP	Oluwatosi, Yemisi E., et al., "Mutations in the Yeast KEX2 Gene Cause a Vma-Like Phenotype: a Possible Role for the Kex2 Endoprotease in Vacuolar Acidification", Molecular and Cellular Biology, vol. 18, no. 3, pp. 1534-1543, Mar. 1998	
	EQ	O'Mahony et al. Hydrolysis of the lipoprotein fractions of milk by Phospholipase C.	
	*ER	Orberg, Marie-Louise, "Self-assembly Structures Formed by Wheat Polar Lipids and their Interaction with Lipases", Master of Science Thesis, April 2005	
	ES	Orskov, Janne, et al., "Solubilisation of poorly water-soluble drugs during in vitro lipolysis of medium- and long-chain triacylglycerols", European Journal of Pharmaceutical Sciences, vol. 23, 2004, pp. 287-296	
	ET	Osman, Mohamed, et al., "Lipolytic activity of Alternaria alternata and Fusarium oxysporum and certain properties of their lipids", Microbios Letters, vol. 39, pp. 131-135, 1988	
	EU	Ostrovskaya L R et al, Dokl Akad Nauk SSSR, (vol 186(4), p961-3) p99-81	
	*EV	O'Sullivan et al, J Plant Physiol, vol 313, (1987) p393-404	
	*EW	Ottup, Günther H., et al., "Properties and Application of a Thermotolerant Maltogenic Amylase Produced by a Strain of Bacillus Modified by Recombinant-DNA Techniques", Starch/Stärke, vol. 36, no. 12, pp. 405-411	
EXAMINER /Leslie Wong/		DATE CONSIDERED 12/08/2008	
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449  
(3/90)ATTY. DOCKET NO.  
674509-2028SERIAL NO.  
09/750,990LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT

Soe

FILING DATE  
December 28, 2000GROUP  
1761

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

EY	Palomo, Jose M., et al., "Enzymatic production of (3S, 4R)-(-)-4-(4'-fluorophenyl)-6-oxo-piperidin-3-carboxylic acid using a commercial preparation of lipase A from <i>Candida antarctica</i> : the role of a contaminant esterase" <i>Tetrahedron: Asymmetry</i> , vol. 13, 2002, pp. 2653-2659
EZ	Palomo, Jose M., et al., "Enzymatic resolution of ( $\pm$ )-glycidyl butyrate in aqueous media. Strong modulation of the properties of the lipase from <i>Rhizopus oryzae</i> via immobilization techniques", <i>Tetrahedron: Asymmetry</i> , vol. 15, 2004, pp. 1157-1161
FA	Palomo, Jose M., et al., "Modulation of the enantioselectivity of <i>Candida antarctica</i> B lipase via conformational engineering: kinetic resolution of ( $\pm$ )- $\alpha$ -hydroxy-phenylacetic acid derivatives", <i>Tetrahedron: Asymmetry</i> , vol. 13, 2002, pp. 1337-1345
<del>FB</del>	<del>Perice, Michael, et al., "Evaluating the safety of Microbial Enzyme Preparations Used in Food Processing: Update for a New Century", <i>Regulatory Toxicology and Pharmacology</i>, vol. 33, pp. 173-185</del>
*FC	PATENT ABSTRACTS OF JAPAN vol. 016, no. 528 (C-1001), 29 October 1992 & JP 04 200339 A see abstract
*FD	PATENT ABSTRACTS OF JAPAN vol. 095, no. 001, 28 February 1995 & JP 06 296467 A see abstract
*FE	Peelman F, et al, <i>Protein Science</i> 1998 Mar; 7(3): 587-99
*FF	Penninga et al, <i>Biochemistry</i> (1995), 3368-3376
FG	Persson, Mattias, et al., "Enzymatic fatty acid exchange in digalactosyldiacylglycerol", <i>Chemistry and Physics of Lipids</i> , vol. 104, 2000, pp. 13-21
FH	Peters, G.H., et al., "Active Serine Involved in the Stabilization of the Active Site Loop in the Humicola lanuginosa Lipase", <i>Biochemistry</i> , 1998, vol. 37, pp. 12375-12383
<del>FI</del>	<del>Peters, G.H., et al., "Dynamics of Rhizomucor miehei lipase in a lipid or aqueous environment: Functional role of glycines", <i>Dept. of Biochemistry and Molecular Biology, University of Leeds</i></del>
<del>FJ</del>	<del>Peters, G.H., et al., "Essential motions in lipases and their relationship to the biological function"</del>
<del>FK</del>	<del>Peters, Günther H., et al., "Theoretical Investigation of the Dynamics of the Active Site Lid in Rhizomucor miehei Lipase", <i>Biophysical Journal</i>, vol. 71, 1996, pp. 119-129</del>
<del>FL</del>	<del>Philippine Patent Application Serial No. 31058</del>
<del>FN</del>	<del>Phytochemical Dictionary "Chapter 4, Sugar Alcohols and Cyclitols"</del>
*FO	Pilon et al. <i>Biotechnology Letters</i> vol 17 no 10 pp 1051-1056
*FP	Plijer J and JHGM Mutsaers, The surface rheological properties of dough and the influence of lipase on it, <i>Gist-brocades, Bakery Ingredients Division</i> , October 1994
*FQ	Plou et al, <i>J. Biotechnology</i> 92 (2002) 55-66
<del>FR</del>	<del>Ponte J G, <i>Cereal Chemistry</i> (1969), vol 46(3), p325-29</del>
<del>FS</del>	<del>Poulsen, C.H., et al., "Effect and Functionality of Lipases in Dough and Bread", <i>The British Library</i></del>
<del>FT</del>	<del>Poulsen, Charlotte, et al. "Purification and Characterization of a Hexose Oxidase with Excellent Strengthening Effects in Bread"</del>

EXAMINER  
/Leslie Wong/DATE CONSIDERED  
12/08/2008


\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	PT	Product Data Sheet, Bakezyme P 500 BG, DSM Food Specialties	
	*FU	Product Description PD 40084-7a Grindamy Exel 16 Bakery Enzyme	
	*FV	Product Sheet B1924a-GB - Lecitase <sup>R</sup> Novo, Novo Nordisk	
	*FW	Product Sheet, Lipozyme <sup>®</sup> 10-000 L, Novo Nordisk	
	*FX	Punt and van den Hondel, Meth. Enzym., 1992, 216:447-457	
	FY	Pyler, E.J., "Baking Science and Technology Third Edition", Volume 1, 1988	
	FZ	Pyler, E.J., "Baking Science and Technology Third Edition", Volume II, 1988	
	*GA	Queener et al. (1994) Ann N Y Acad Sci. 721, 178-93	
	*GB	Rambosek and Leach, CRC Crit. Rev. Biotechnol., 1987, 6:357-393	
	GC	Rapp, Peter, et al., "Formation of extracellular lipases by filamentous fungi, yeasts, and bacteria", Enzyme Microb. Technol., 1992, vol. 14, November	
	GD	Rapp, Peter, "Production, regulation, and some properties of lipase activity from <i>Fusarium Oxysporum</i> f. sp. <i>vasinfectum</i> "; Enzyme and Microbial Technology(1995); Vol. 17; pp. 832-838	
	*GE	Reetz M.T., Jaeger K.E. Chem Phys Lipids. 1998 Jun; 93(1-2): 3-14	
	*GF	Reetz Manfred T, Current Opinion in Chemical Biology, Apr 2002, vol 6, no 2, pp145-150	
	*GG	Reiser J et al. (1990) Adv Biochem Eng Biotechnol. 43, 75-102	
	*GH	Richardson & Hyslop, pp371-476 in Food Chemistry, 1985, second edition, Owen R. Fennema (ed), Manel Dekker, Inc, New York and Basel	
	*GI	Richardson and Hyslop, "Enzymes: XI - Enzymes Added To Foods During Processing" in <i>Food Chemistry</i> , Marcel Dekker, Inc., New York, NY 1985	
	*GJ	Arskog and Joergensen, "Baking performance of prior art lipases from <i>Candida cylindracea</i> and <i>Aspergillus foetidus</i> and their activity on galactolipids in dough", Novozymes Report 2005.	
	*GK	Arskog and Joergensen, "Baking performance of prior art lipases from <i>Humicola lanuginosa</i> , <i>Aspergillus tubigenensis</i> , <i>Rhizopus delemar</i> and <i>Rhizomucor miehei</i> , and their activity on galactolipids in dough", Novozymes Report 2005.	
EXAMINER /Leslie Wong/			
DATE CONSIDERED 12/08/2008			

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/



Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
 LIST OF REFERENCES CITED BY APPLICANT (Use additional sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
A		Richardson, Toby H., et al., "A Novel, High Performance Enzyme for Starch Liquefaction", The Journal of Biological Chemistry, vol. 277, no. 29, Issue of July 19, pp. 25501-26507, 2002	
*B		Roberts et al. (1992) Gene 122(1), 155-61	
C		Roberts, et al., "Extracellular Lipase Production by Fungi from Sunflower Seed", Mycologia(1987); Vol. 79(2); pp. 265-273	
		<del>Roberts, Ian N., et al., "Heterologous gene expression in Aspergillus niger: a glucosylase</del>	
		<del>porcine pancreatic phospholipase A2 fusion protein is secreted and processed to yield mature</del>	
D		<del>enzyme</del>	
*E		Robertson et al. Journal of Biological Chemistry, 1994, 2146-2150	
F		Rodrigues, et al., "Short Communication: Bioseparations with Permeable Particles", Journal of Chromatography & Biomedical Applications(1995); Vol. 655; pp. 233-240	
G		Rogalska, Ewa, et al., "Stereoselective Hydrolysis of Triglycerides by Animal and Microbial Lipases", Chirality, Vol. 5, pp. 24-30, 1993	
H		Rose, et al., "CODEHOP (Consensus-Degenerate Hybrid Oligonucleotide Primer) PCR primer design", Nucleic Acids Research(2003); Vol. 31(13); pp. 3763-3766	
*I		Rousseau, Derick, et al., "Tailoring the Textural Attributes of Butter Fat/Canola Oil Blends via Rhizopus arrhizus Lipase-Catalyzed Interesterification. 2. Modifications of Physical Properties", J. Agric. Food Chem., vol. 1998, vol. 46, pp. 2375-2381	
J		Rydel, Timothy J. et al., "The Crystal Structure, Mutagenesis and Activity Studies Reveal that Patatin Is A Lipid Acyl Hydrolase with a Ser-Asp Catalytic Dyad", Biochemistry, 2003, vol. 42, pp. 6696-6708	
*K		Sahsah, Y., et al., "Enzymatic degradation of polar lipids in Vigna unguiculata leaves and influence of drought stress", Physiologia Plantarum, vol. 104, pp. 577-586, 1998	
*L		Sahsah, Y., et al., "Purification and characterization of a soluble lipolytic acylhydrolase from Cowpea (vigna unguiculata L.) leaves", Biochimica et Biophysica Acta, vol. 1215, pp. 66-73, 1994	
*M		Saiki R.K. et al Science (1988) 239, pp487-491	
		<del>Saito, Kunihiko, et al., "Phospholipase B from Penicillium notatum", Methods in Enzymology, vol. 197</del>	
N			
*O		Sakai, Norio, et al., "Human galactocerebrosidase gene: promoter analysis of the 5'-flanking region and structural organization", Biochimica et Biophysica Acta, vol. 1395, pp. 62-67, 1998	
		Sakaki T et al, Advanced Research on Plant Lipids, Proceedings of the International Symposium on Plant Lipids, 15th, Okazaki, Japan, May 12-17 2002 (2003) p291-294, Publisher Kluwer Academic Publishers	
*P			
*Q		Sales Range for Baking Improver and Premix Manufacturers from DSM Bakery Ingredients	
*R		Sambrook et al. Chapters 1, 7, 9, 11, 12 and 13 - Molecular Cloning a laboratory manual, Cold Spring Harbor Laboratory Press (1989)	
S		Sambrook, J., et al. "A Laboratory Manual, Second Edition", Plasmid Vectors, 1989	
		Sanchez et al., "Solution and Interface Aggregation States of Crotalus atrox Venom Phospholipase A2 by Two-Photon Excitation Fluorescence Correlation Spectroscopy", Biochemistry, 2001, vol. 40, pp. 6903-6911	
T			
EXAMINER  /Leslie Wong/		DATE CONSIDERED  12/08/2008	
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with nekcommunication to applicant.			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
*U		Sarney Douglas B. et al, "Enzymatic Synthesis of Sorbitan Esters Using a Low-Boiling-Point Azeotrope as Reaction Solvent", <i>Biotechnology and Bioengineering</i> , 1997, vol 54(4)	
V		Saxena, et al.; "Purification Strategies for Microbial Lipases"; <i>Journal of Microbiological Methods</i> (2003); pp. 1-18	
W		Scheib et al.; "Stereoselectivity of Mucorales lipases toward triacylglycerols - A simple solution to a complex problem"; <i>Protein Science</i> (1999); Vol. 8; pp 215-221	
X		Schiller, Jurgen, et al., "Lipid analysis of human spermatozoa and seminal plasma by MALDI-TOF mass spectrometry and NMR spectroscopy - effects of freezing and thawing" <i>Chemistry and Physics of Lipids</i> , vol. 106, 2000, pp. 145-156	
Y		Schonfeld, J. David, "Wheat Structure, Biochemistry and Functionality", <i>Department of Food Science and Technology</i>	
Z		Scopes, Robert K., "Section 8.4: Ultrafiltration" in <i>Protein Purification Principles and Practice, Third Edition</i> (1994) Springer-Verlag, New York, p. 267-9	
*AA		<del>Sequence alignment of the nucleotide sequences of SEQ ID No 2 of EP 167 and SEQ ID No 7 of D20 and the amino acid sequences of SEQ ID No 2 of EP 167 and SEQ ID No 6 of D20</del>	
*AB		<del>Shehata PhD Thesis</del>	
AC		Shillcock, Julian C., et al., "Equilibrium structure and lateral stress distribution of amphiphilic bilayers from dissipative particle dynamics simulations", <i>Journal of Chemical Physics</i> , vol. 117, no. 10, September 8, 2002	
AD		<del>Shillcock, Julian C., et al., "Tension induced fusion of bilayer membranes and vesicles", <i>Advances Online Publication</i></del>	
*AE		Shimada et al, J. of Bioscience and Bioengineering Vol 91, No 6, 529-538 (2001)	
*AF		Shimada et al, J. of Fermentation and Bioengineering Vol 75, No 5, 349-352 (1993)	
*AG		Shimada et al, <i>JAACS</i> Vol 71, No 9, (Sept 1994)	
AH		Shin, et al.; "Butyl-Toyopearl 650 as a New Hydrophobic Adsorbent for Water-Soluble Enzyme Proteins"; <i>Analytical Biochemistry</i> (1984); Vol. 138; pp. 259-261	
AI		Shogren, M.D., et al., "Functional (Breadmaking) and Biochemical Properties of Wheat Flour Components. I. Solubilizing Gluten and Flour Protein", <i>Cereal Chemistry</i> , vol. 46, no. 2, March 1969	
AJ		Si, Joan Qi, "Enzymes, Baking, Bread-making"	
AK		Si, Joan Qi, "Synergistic Effect of Enzymes for Breadbaking"	
AL		Si, Joan Qi, et al., "Enzymes for bread, noodles and non-durum pasta"	
AM		Si, Joan Qi, et al., "Novamyl - A true Anti-Staling Enzyme", <i>Cereal Food</i> , page 1, no. 26	
AN		Si, Joan Qi, et al., "Synergistic Effect of Enzymes for Breadbaking"	
AO		Si, Joan Qi, "New Enzymes for the Baking Industry", <i>Food Tech Europe</i> (1996) pp 60-64	
*AP		Sias B et al, <i>Biochemistry</i> , (2004), vol 43(31), p10138-48	
*AQ		Siew W.L. & Ng W.L. (1999) Influence of diglycerides on crystallisation of palm oil, in <i>Journal of Science of Food and Agriculture</i> 79:722-726	
EXAMINER /Leslie Wong/		DATE CONSIDERED 12/08/2008	
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPPE 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
*AR		Siew W.L. & Ng W.L. (2000) Differential scanning thermograms of palm oil triglycerides in the presence of diglycerides, in Journal of Oil Palm Research 12:107	
		Siew W.L. (2001) Understanding the Interactions of Diacylglycerols with oil for better product performance, paper presented at the 2001 PIPOC International Palm Oil Congress - Chemistry and Technology Conference 20-23 August 2001, Kuala Lumpur, Malaysia	
*AS		Skovgaard, et al., "Comparison of Intra- and extracellular isozyme banding patterns of <i>Fusarium Oxysporum</i> "; Mycol. Res. (1998); Vol. 102(9); pp. 1077-1084	
AT			
*AU		Slotboom et al Chem. Phys. Lipids 4 (1970) 15-29	
AV		Smith, George P.; "The Progeny of sexual PCR"; Nature; Vol. 370; No. 18; August 4, 1994	
AW		Smith, Timothy L., et al., "The promoter of the glucoamylase-encoding gene of <i>Aspergillus niger</i> functions in <i>Ustilago maydis</i> ", Gene. 88, 259-262, 1990	
AX		<del>Soe, J.B., "Analyses of Monoglycerides and Other Emulsifiers by Gaschromatography"</del>	
AY		Solares, Laura F., et al., "Enzymatic resolution of new carbonate intermediates for the synthesis of (S)-(+)-zopiclone", Tetrahedron: Asymmetry, vol. 13, 2002, pp. 2577-2582	
AZ		Sols and De Le Fuente, "On the substrate specificity of glucose oxidase", Biochem et Biophysica Acta (1957) 24:206-7	
*BA		Sonntag N.O.V. (1982a) Glycerolysis of Fats and methyl esters - status, review and critique, in Journal of American Oil Chemist Society 59:795-802A	
BS		Soragni, Elisabetta, et al., "A nutrient-regulated, dual localization phospholipase A2 in the symbiotic fungus" The EMBO Journal, vol. 20, no. 18, pp. 5079-5090, 2001	
		<del>Sorensen, H.R., et al., Effects of added enzymes on the physico-chemical characteristics on fresh durum-pasta</del>	
BC			
BD		Sosland, Josh, "Alive and kicking", Milling & Baking News, February 24, 2004	
BE		Soumanou, Mohamed M., et al., "Two-Step Enzymatic Reaction for the Synthesis of Pure Structured Triacylglycerides", JAOCS, vol. 75, no. 6, 1998	
BF		<del>Spurgeon, Brad, "In China, a twist: Forgers file patents"</del>	
		Spindler, et al., "Functionality and mechanism of a new 2nd generation lipase for baking industry" - Abstract. 2001 AACC Annual Meeting; Symposia at Charlotte, NC. October 14-18, 2001	
*BG			
*BH		Spradlin J E, Biocatalysis in Agric. Technol., ACS Symposium, 389(3), 24-43 (1989)	
*BI		Sreekrishna K et al (1988) J Basic Microbiol. 28(4), 265-78	
BJ		Stadler et al., "Understanding Lipase Action and Selectivity", CCACAA, vol. 68, no. 3, pp. 649-674, 1995	
		Steintraesser, et al., "Activity of Novispirin G10 against <i>Pseudomonas aeruginosa</i> In Vitro and in Infected Burns", Antimicrobial Agents and Chemotherapy, June 2002, Vol. 46, No. 6, pp. 1837-1844	
BK			
EXAMINER /Leslie Wong/		DATE CONSIDERED 12/08/2008	
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPPE 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	BL	Stemmer, Willem P.C.; "DNA shuffling by random fragmentation and reassembly: In vitro recombination for molecular evolution"; Proc. Natl. Acad. Sci. USA, vol. 91, pp. 10747-10751; October 1994	
	BM	Stemmer, Willem P.C.; "Rapid evolution of a protein in vitro by DNA shuffling"; Affymax Research Institute, Nature, vol. 370, 4 August 1994	
	BN	Sternberg, M., "Purification of Industrial Enzymes with Polyacrylic Acids", Process Biochemistry, September 1976	
	*BO	Strickland, James A., et al., "Inhibition of Diabrotica Larval Growth by Patatin, the Lipid Acyl Hydrolase from Potato Tubers", Plant Physiol, vol. 109, pp. 667-674, 1995	
	*BP	Sudbery et al (1988) Biochem Soc Trans. 16(6), 1081-3	
	BQ	Sugatani, Junko, et al., "Studies of a Phospholipase B from Penicillium Notatum Substrate Specificity and Properties of Active Site", Biochimica et Biophysica Acta, vol. 620, 1980, pp. 372-386	
	*BR	Sugimoto et al., Agric. Biol. Chem. 47(6), 1201-1206 (1983)	
	BS	Sugiyama et al., "Molecular cloning of a second phospholipase B gene, caPLB2 from Candida albicans", Medical Mycology, vol. 37, 1999	
	BT	Svendsen, A. "Engineered lipases for practical use", INFORM (1994) 5(5):619-623	
	BU	Svendsen, Allan, "Lipase protein engineering" Biochimica et Biophysica Acta, Vol. 1543, 2000, pp. 223-238	
	BV	Svendsen, Allan, et al., "Biochemical properties of cloned lipases from the Pseudomonas family", Biochimica et Biophysica Acta, vol. 1259, 1995, pp. 9-17	
	BW	Sweigard, James A., et al., "Cloning and analysis of CUT1, a cutinase gene from Magnaporthe grisea", Mol. Gen. Genet., 232:174-182, 1992	
	*BX	Swinkels et al (1993) Antonie van Leeuwenhoek 64, 187-201	
	*BY	Sztajer H et al Acta Biotechnol, vol 8, 1988, pp169-175	
	BZ	Talker-Huiber, Cynthia Z., et al., "Esterase EstE from Xanthomonas vesicatoria (Xv_EstE) is an outer membrane protein capable of hydrolyzing long-chain polar esters", Appl. Microbiol Biotechnol, 61:479-487, 2003	
	*CA	Terasaki, Masaru, et al., "Glycerolipid Acyl Hydrolase Activity in the Brown Alga Cladophora okamurae Tokida", Biosci. Biotechnol. Biochem., vol. 67, no. 9, pp. 1986-1989, 2003	
	*CB	The First European Symposium of Enzymes on Grain Processing - Proceedings	
	*CC	The New Enzyme Operatives, Ingredient Technology, 50, August 1997	
	CD	Thommy L-G, Carlson, "Law and Order in Wheat Flour Dough; Colloidal Aspects of the Wheat Flour Dough and its Lipid and Protein Constituents in Aqueous Media", Fortoligt, Lund 1981	
	*CE	Thornton et al 1988 Biochem. Et Biophys. Acta. 959, 153-159	
	CF	Tiss, Aly, et al., "Effects of Gum Arabic on Lipase Interfacial Binding and Activity", Analytical Biochemistry, vol. 294, pp. 36-43, 2001	
EXAMINER		DATE CONSIDERED	
/Leslie Wong/		12/08/2008	
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LAW/

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
*CG		Toida J et al, Bioscience, Biotechnology, and Biochemistry, Jul 1995, vol 59, no 7, pp1199-1203	
*CH		Tombs and Blake, Biochim. Biophys (1982) 700:81-89	
CI		Topakas, E., et al. "Purification and characterization of a feruloyl esterase from Fusarium oxysporum catalyzing esterification of phenolic acids in ternary water - organic solvent mixtures", Journal of Biotechnology, vol. 102, 2003, pp. 33-44	
*CJ		Torossian and Bell (Biotechnol. Appl. Biochem., 1991, 13:205-211	
*CK		Tsao et al. (1973) J Supramol Struct. 1(6), 490-7	
*CL		Tsuchiya, Atsushi et al, FEMS Microbiology Letters, vol 143, pgs 63-67	
CM		Tsuneo Yamane et al., "Glycerolysis of Fat by Lipase", Laboratory of Bioreaction Engineering, vol. 35, no. 8, 1986	
CN		Tsuchiya, Atsushi, et al., "Cloning and nucleotide sequence of the mono- and diacylglycerol lipase gene (mILB) of Aspergillus oryzae", FEMS Microbiology Letters, vol. 143, pp. 63-67, 1996	
CO		Turnbull, K.M., et al., "Early expression of grain hardness in the developing wheat endosperm", Planta, 2003, vol. 216, pp. 699-706	
CP		Turner, Nigel A., et al., "At what temperature can enzymes maintain their catalytic activity?", Enzyme and Microbial Technology, vol. 27, 2000, pp. 108-113	
*CQ		Turner, Progress in Industrial Microbiology, Martinelli and Kinghorn (eds.), Elsevier, Amsterdam, 1994, 29:641-666	
CR		<del>Unknown, "Appendix: Classification and Index of Fungi mentioned in the Text" in Unknown, p. 599-616</del>	
CS		<del>Unknown, "Section 1: Structure and Growth - Chapter 1: An Introduction to the Fungi" in Unknown, pp. 1-16</del>	
CT		Unknown, Studies on Lipase (1964) pg. 21	
CU		Uppenberg, Jonas, et al., "Crystallographic and Molecular-Modeling Studies of Lipase B from Candida antarctica Reveal a Stereospecificity Pocket for Secondary alcohols", Biochemistry, 1995, vol. 34, pp. 16838-16851	
CV		Uppenberg, Jonas, et al., "The Sequence, crystal structure determination and refinement of two crystal forms of lipase B from Candida antarctica", Structure 1994, vol. 2, no. 4	
CW		Upton C et al TIBS Trends in Biochemical Sciences, Elsevier Publication (1995), vol 20, pp 178-179	
EX		<del>USDA, "Production of an Industrially Useful Fungal Lipase by a Genetically Altered Strain of E. Coli", New Technology</del>	
*CY		Usitalo et al. (1991) J Biotechnol. 17(1), 35-49	
*CZ		Uwajima T et al, Agricultural and Biological Chemistry, 43(12), pp 2633-2634, 1979	
*DA		Uwajima T et al, Agricultural and Biological Chemistry, 44(9), pp 2039-2045, 1980	
DB		Uwajima T et al, Methods in Enzymology, 69(41), pp 243-248	
EXAMINER	/Leslie Wong/		DATE CONSIDERED 12/08/2008

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
DC		Vaidehi, et al., "Lipase Activity of Some Fungi Isolated from Groundnut", Current Science (1984); Vol 53(23); p. 1253	
DD		van Binsbergen, Jan, et al., "SUBSTITUTION OF PHE-5 AND ILE-9, AMINO ACIDS INVOLVED IN THE ACTIVE SITE OF PHOSPHOLIPASE A2 (PLA), AND CHEMICAL MODIFICATION OF ENZYMATICALLY GENERATED (LYS-6)-PLA.", Proceedings of the 20th European Peptide Symposium, September 4-9, 1988, University of Tübingen	
<del>DE</del>		<del>van Den Berg, G. Regulatory status and use of lipase in various countries</del>	
DF		van Gemeren, I.A., et al., "Expression and Secretion of Defined Cutinase Variants by Aspergillus awamori" Applied and Environmental Microbiology, vol. 64, no. 8, pp. 2794-2799, Aug. 1998	
DG		van Kampen, M.D., et al., "The phospholipase activity of Staphylococcus hyicus lipase strongly depends on a single Ser to Val mutation", Chemistry and Physics of Lipids, vol. 93, 1998, pp. 39-45	
DH		<del>van Nieuwenhuysen, "Open Doors to baked goods"</del>	
<del>DI</del>		<del>van Oort, Maarten G et al. Biochemistry 1989 9278-9285</del>	
<del>DJ</del>		<del>van Olinga, Pieter, et al., "The cloning and characterization of the acyltransferase gene of penicillium chrysogenum", Agricultural University, Wageningen, The Netherlands</del>	
*DK		Vayssie et al J. of Biotechnology 53 (1997) 41-46	
*DL		Villeneuve, Inform, vol. 8, no 6, June 1997	
DM		Vujaklija, Dušica, et al., "A novel streptomycete lipase: cloning, sequencing and high-level expression of the Streptomyces rimosus GDS (L)-lipase gene", Arch. Microbiol, vol. 178, pp. 124-130, 2002	
*DN		Wahnelt S.V., Meusel D. & Tülsner M, (1991) Zur kenntnis des diglyceride influences auf das kristallisationsverhalten von Fetten, in Fat Science Technology 4:117-121	
DO		Waninge, Rianne, et al., "Milk membrane lipid vesicle structures studied with Cryo-TEM", Colloids and Surfaces B: Biointerfaces 31 (2003), pp. 257-264	
*DP		Warmuth et al, 1992, Bio Forum 9, 282-283	
*DQ		Watanabe et al. Bio sci Biochem 63(5) 820-826, 1999	
DR		Watanabe, Yasuo et al., "Cloning and sequencing of phospholipase B gene from the yeast Torulaspora delbrueckii", FEMS Microbiology Letters, vol. 124, 1994, pp. 29-34	
*DS		Webb EC, Enzyme Nomenclature, 1992, page 310	
*DT		Weber et al. J Agric Food Chem 1985, 33, 1093-1096	
DJ		<del>Wetter, et al., "Identification of Recombinant DNA", pp. 424-431</del>	
DV		Wen-Chen Suen et al., "Improved activity and thermostability of Candida antarctica lipase B by DNA family shuffling", Protein Engineering, Design & Selection, vol. 17, no. 2, pp. 133-140, 2004	
DW		Wen-Chen Suen et al., "Improved activity and thermostability of Candida antarctica lipase B by DNA family shuffling", Protein Engineering, Design & Selection, vol. 17, no. 2, pp. 133-140, 2004	
EXAMINER	/Leslie Wong/		DATE CONSIDERED <b>12/08/2008</b>

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. <b>674509-2028</b>	SERIAL NO. <b>09/750,990</b>
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Soe</b>	
		FILING DATE <b>December 28, 2000</b>	GROUP <b>1761</b>
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
DX		West S.; "Olive and Other Edible Oils"; Industrial Enzymology (1996); pp. 295-299	
DY		<del>Whitaker, John R., et al., "Biocatalysis in Agricultural Biotechnology", AOS Symposium Series</del>	
DZ		Whitehead, Michael, et al., "Transformation of a nitrate reductase deficient mutant of <i>Penicillium chrysogenum</i> with the corresponding <i>Aspergillus niger</i> and <i>A. nidulans</i> <i>niaD</i> genes", Mol Gen Genet, 216: 408-411, 1989	
EA		Wilhelm et al., "A Novel Lipolytic Enzyme Located in the Outer Membrane of <i>Pseudomonas aeruginosa</i> ", Journal of Bacteriology, vol. 181, no. 22, Nov. 1999, pp. 6977-6986	
EB		<del>Williams et al Protein Analysis by Integrated Sample Preparation, Chemistry, and Mass Spectrometry, Edited by Meyers</del>	
EC		Winnacker, Chapter 11, pages 424-431 In From genes to clones: introduction to gene technology, VCH (1987)	
ED		Winnacker, E. "Chapter 11: Identification of Recombinant DNA" in <i>From Genes to Clones: Introduction to Gene Technology</i> , 1987 John Wiley & Sons	
EE		Winther, Ole, et al., "Teaching computers to fold proteins", Physical Review, vol. 70, no. 030903, 2004	
EF		<del>wirkung von Phospholipiden, Struktur-Wirkungsbeziehungen von Phospholipiden in Backwaren</del>	
EG		Withers-Martinez, Christine, et al., "A pancreatic lipase with a phospholipase A1 activity: crystal structure of a chimeric pancreatic lipase-related protein 2 from guinea pig", Structure, 1996, vol. 4, no. 11	
EH		Witt, Wolfgang et al., "Secretion of Phospholipase B From <i>Saccharomyces Cerevisiae</i> ", Biochimica et Biophysica Acta, vol. 795, 1984, pp. 117-124	
EI		Wood et al., Eds., "Biomass, Part B, Lignin, Pectin, and Chitin", Methods in Enzymology (1988) vol. 161, Academic Press, San Diego	
EJ		<del>Woolley et al., "Lipases their structure, biochemistry and application", Cambridge University Press</del>	
EK		<del>WPI ACC No 93-298906(38) and JP05211852 "Preparation of low fat content cream-by adding lipase to mixture of fat and water"</del>	
EL		Xu, Jun, et al., "Intron requirement for AFP gene expression in <i>Trichoderma viride</i> ", Microbiology, 2003, vol. 149, pp. 3093-3097	
EM		Yamaguchi et al, 1991, Gene 103:61-67	
EN		Yamane et al., "High-Yield Diacylglycerol Formation by Solid-Phase Enzymatic Glycerolysis of Hydrogenated Beef Tallow", JAOCS, vol. 71, no. 3, March 1994	
EO		<del>Yamano Y., Surface activity of lysophosphatidyl choline from soybean.</del>	
EP		Yamauchi, Asao et al., "Evolvability of random polypeptides through functional selection within a small library", Protein Engineering, vol. 15, no. 7, pp. 619-626, 2002	
EQ		Yang, Baokang, et al., "Control of Lipase-Mediated Glycerolysis Reactions with Butteroil in Dual Liquid Phase Media Devoid of Organic Solvent", J. Agric. Food Chem., 1993, Vol. 41, pp. 1905-1909	
EXAMINER /Leslie Wong/		DATE CONSIDERED 12/08/2008	

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[illegible]

00430112